

# ABSTRACT

[0189] An image processing apparatus is disclosed in which input images are processed to generate texture map data for texture rendering a generated three-dimensional computer model of object(s) appearing in the images. In order to select the portions of the images utilised, confidence data is generated indicative of the extent portions of the surface of a model are visible in each of the images. The images are then combined utilising this confidence data, where image data representative of different spatial frequencies are blended in different ways utilising the confidence data.